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(54) Title: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER

(57) Abstract: A method of producing catalyst powder of the present invention has a step of precipitating any one of a noble metal particle (5) and a transition metal particle (10) in a reversed micelle (1); a step of precipitating, in the reversed micelle (1) in which any one of the noble metal particle (5) and the transition metal particle (10) is precipitated, a porous support material (7) which supports the noble metal particle (5) and the transition metal particle (10); and a step of precipitating the other of the noble metal particle (5) and the transition metal particle (10) in the reversed micelle (1) in which any one of the noble metal particle (5) and the transition metal particle (10) is precipitated. By this method, it is possible to obtain catalyst powder capable of maintaining initial purification performance thereof even if being exposed to the high temperature.



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